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PTO 2003-5568

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1. 8 Patent

Document No. 09-314772

Language JP

Country Code JP

Publication Date 12-9-1997

No. of Pages (filled by STIC)

2. Article

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L1: Entry 1 of 2

File: JPAB

Dec 9, 1997

PUB-NO: JP409314772A

DOCUMENT-IDENTIFIER: JP 09314772 A

TITLE: WRAPPING LAMINATE FILM HAVING OUTERMOST LAYER OF POLYPROPYLENE RESIN

PUBN-DATE: December 9, 1997

INVENTOR-INFORMATION:

NAME

COUNTRY

IBE, SEIICHI

OMORI, TAKEO

SATO, TAKASHI

ASSIGNEE-INFORMATION:

NAME

COUNTRY

KUREHA CHEM IND CO LTD

APPL-NO: JP08151691

APPL-DATE: May 23, 1996

INT-CL (IPC): B32 B 27/32; B32 B 27/00; B32 B 27/28; B65 D 30/02; B65 D 65/40

ABSTRACT:

PROBLEM TO BE SOLVED: To obtain a wrapping multilayer film with an excellent pinhole resistance, transparency, gas barrier property and moldability at well as a moderate pliability and good label adaptability.

SOLUTION: In this laminate film, the outermost layer consists of a polypropylene resin and SEBS block copolymer, and an oxygen-barrier layer consists of any one constitution of (1)-(5), i.e., (1) an ethylene vinyl acetate copolymer saponified substance (refer to EVOH hereinafter) and modified ionomer, (2) EVOH, ionomer, and polyamide, (3) vinyliden chloride resin, (4) polyacrylonitrile or unsaturated nitrile resin, or (5) aromatic polyamide resin, and a seal layer being an outermost layer consists of VLDPE.

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Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC
Draw	Desc	Image									

☐ 2. Document ID: JP 09314772 A

L1: Entry 2 of 2

File: DWPI

Dec 9, 1997

DERWENT-ACC-NO: 1998-081492

DERWENT-WEEK: 199808

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TITLE: Laminated film used for packaging of food e.g. livestock meat, fish product, processed food, etc - has oxygen barrier layer that consists of five compounds, formed as intermediate layer between outer layer and inner layer

PATENT-ASSIGNEE:

ASSIGNEE

CODE

KUREHA CHEM IND CO LTD

KURE

PRIORITY-DATA: 1996JP-0151691 (May 23, 1996)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 09314772 A	December 9, 1997		007	B32B027/32

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP 09314772A	May 23, 1996	1996JP-0151691	

INT-CL (IPC): B32 B 27/00; B32 B 27/28; B32 B 27/32; B65 D 30/02; B65 D 65/40

ABSTRACTED-PUB-NO: JP 09314772A

BASIC-ABSTRACT:

The film includes polypropylene resin and styrene-ethylene, butylene-styrene block copolymer comprising an outer layer. A sealing layer is formed on inner layer that consists of super low density polyethylene. An oxygen barrier layer that consists of five compounds is formed as an intermediate layer between the outer layer and the inner layer. The five compounds constituting the oxygen barrier layer are ethylene-vinyl acetate copolymer, an ionomer and polyamide, chloride-vinylidene resin, polyacrylonitrile or unsaturated nitrile resin, and aromatic polyamide resin.

ADVANTAGE - Prevents generation of clearance. Possesses transparent, gas barrier property and mouldability.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: LAMINATE FILM PACKAGE FOOD LIVESTOCK MEAT FISH PRODUCT PROCESS FOOD
OXYGEN BARRIER LAYER CONSIST FIVE COMPOUND FORMING INTERMEDIATE LAYER OUTER LAYER
INNER LAYER

DERWENT-CLASS: A17 A92 P73 Q32 Q34

CPI-CODES: A04-C04; A04-D01; A04-D02; A04-G01E; A04-G07; A05-F05; A09-A09; A10-E04A; A10-E21B; A11-B09A; A12-P01A;

ENHANCED-POLYMER-INDEXING:

Polymer Index [1.1] 018 ; H0000 ; R00964 G0044 G0033 G0022 D01 D02 D12 D10 D51 D53 D58 D83 ; S9999 S1285*R ; P1150 ; P1343 Polymer Index [1.2] 018 ; R00708 G0102 G0022 D01 D02 D12 D10 D19 D18 D31 D51 D53 D58 D76 D88 ; R00806 G0828 G0817 D01 D02 D12 D10 D51 D54 D56 D58 D84 ; H0066 H0044 H0011 ; H0135 H0124 ; S9999 S1285*R ; M9999 M2722 M2711 ; P0328 ; P1741 Polymer Index [1.3] 018 ; ND01 ; Q9999 Q7818*R ; Q9999 Q8366*R ; K9574 K9483 ; K9698 K9676 ; K9870 K9847 K9790 ; B9999 B4397 B4240 ; B9999 B3623 B3554 Polymer Index [1.4] 018 ; K9712 K9676 ; K9745*R Polymer Index [2.1] 018 ; R00326 G0044 G0022 D01 D02 D12 D10 D51 D53 D58 D82 ; P1241 ; H0000 ; H0011*R ; S9999 S1285*R ; P1150 ; P1161 Polymer Index [2.2] 018 ; ND01 ; Q9999 Q7818*R ; Q9999 Q8366*R ; K9574 K9483 ; K9698 K9676 ; K9870 K9847 K9790 ; B9999 B4397 B4240 ; B9999 B3623 B3554 Polymer Index [3.1] 018 ; R00326 G0044 G0033 G0022 D01 D02 D12 D10 D51 D53 D58 D82 ; R00835 G0566 G0022 D01 D11 D10 D12 D51 D53 D58 D63 D84 F41 F89 ; S9999 S1285*R ; H0022 H0011 ; P1150 ; P1310 Polymer Index [3.2] 018 ; P0588 ; S9999 S1285*R Polymer Index [3.3] 018 ; R00360 G0555 G0022 D01 D12 D10 D51 D53 D58 D69 D82 C1 7A ; H0000 ; S9999 S1285*R ; H0011*R Polymer Index [3.4] 018 ; R00817 G0475 G0260 G0022 D01 D12 D10 D26 D51 D53 D58 D83 F12 ; H0000 ; S9999 S1285*R ; H0011*R ; P0088 ; P0102 Polymer Index [3.5] 018 ; G0475*R G0260 G0022 D01 D12 D10 D26 D51 D53 F12 ;

H0000 ; H0011*R ; S9999 S1285*R ; P0088 Polymer Index [3.6] 018 ; D18*R ; P0635*R
F70 D01 ; H0293 ; S9999 S1285*R Polymer Index [3.7] 018 ; ND01 ; Q9999 Q7818*R ;
Q9999 Q8366*R ; K9574 K9483 ; K9698 K9676 ; K9870 K9847 K9790 ; B9999 B4397 B4240 ;
B9999 B3623 B3554 Polymer Index [3.8] 018 ; Q9999 Q6780 ; B9999 B4864 B4853 B4740 ;
K9745*R

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1998-027502

Non-CPI Secondary Accession Numbers: N1998-065211

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
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